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TRANSMITTAL **FORM** 

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

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Application Number	09/976,221 October 12, 2001		
Filing Date			
First Named Inventor	Ulrich Zimmermann		
Group Art Unit	1712		
Examiner Name			
Attorney Docket Number	414P037Div.		

	ENCLOSURES (check all that apply)	
Fee Transmittal Form Fee Attached  Amendment / Reply  After Final Affidavits/declaration(s)  Extension of Time Request  Express Abandonment Request  X Information Disclosure Statement  Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application  Response to Missing Parts under 37 CFR 1.52 or 1.53	Assignment Papers (for an Application)  Drawing(s)  Licensing-related Papers  Petition  Petition to Convert to a Provisional Application  Power of Attorney, Revocation Change of Correspondence Address  Terminal Disclaimer  Request for Refund  CD, Number of CD(s)  After Allowance Communication to Goroup  Appeal Communication to Gof Appeals and Interference Appeal Communication to Convert to a Proprietary Information  Proprietary Information  Status Letter  X Other Enclosure(s) (please identify below):  -Form PTO-1449  Remarks	Board s Group
SIG	IATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm Kevi	n S. Lemack ds & Lemack	
Signature		
Date Jan	uary 9, 2002	
	CERTIFICATE OF MAILING	

CERTIFICATE OF WAILING	
deposited with the United States Postal Service with for Patents, Washington, DC 20231 on this date:	
C Tamash	

Kevin Typed or printed name January 9, 2002 Signature Date

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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants

Ulrich Zimmermann

Serial No.

09/976,221

Filed

: October 12, 2001

For

CROSSLINKING IONOTROPIC GELS

Examiner

Not yet assigned

Art Unit

1712

Attorney

Docket No.

414P037Div.

Assistant Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

### INFORMATION DISCLOSURE STATEMENT

The Examiner is respectfully requested to consider the documents which are listed on the attached form PTO 1449.

The Examiner's attention is drawn to co-pending U.S. Patent Application Serial No. 09/627,612 filed July 28, 2000 and the references cited therein. For the convenience of the Examiner, those references are listed on the attached form.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington D.C. 20231, on January 9, 2002

Signature: Kevin S. Lemack
Date: January 9, 2002

Respectfully submitted,

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TEL: (508) 898-1818

**FORM PTO-1449** 

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

# ATTY. DOCKET NO.

SERIAL NO.

414P037Div.

09/976,221

Ulrich Zimmermann

FILING DATE

GROUP

October 12, 2001

1712

#### REFERENCE DESIGNATION

### **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	2,249,694	7/1941	Wilding	516	105-X	
	AB	2,441,729	5/1948	Steiner	516	105-X	
	AC	2,536,708	1/1951	Angermeier	516	105-X	
	AD	3,562,176	2/1971	Stancioff et al.	516	105-X	
	AC						
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## FOREIGN PATENT DOCUMENTS

	DOCUMENT					TRANS	LATION
	NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
 ВА	4 204 012	8/19/93	Germany				Х
 BB							
BC					•		
BD							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	CA	A.Askar, "Alginate: Herstellung, Eigenschaften under Verwendung in der Lebensmittelindustries" alimenta 21, 165-169 (1982) with English Abstract			
	СВ	Kaplan et al., "Photolabile chelators for the rapid photorelease of divalent cations", Proc. Natl. Acad. Sci. USA 85 (1988).			
	СС	Poncelet et al. "Production of alginate beads by emulsification/internal gelation", Applied Microbiology Biotechnology, 1992) 38: 39-45.			
	CD	Quong et al., "External versus internal source of calcium during the gelation of algin beads for DNA encapsulation, 1: Biotechnol Bioeng 1998, February 20; 57(4): 438-4 internet abstract.			
•	CE	Dulieu etal., "Encapsulation and Immobilization Techniques" pages 3-17, Birkhause Boston, 1999			
FVARIA	IEB .	DATE CONCIDEDED			

**EXAMINER** 

DATE CONSIDERED

EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with `next communication to applicant.